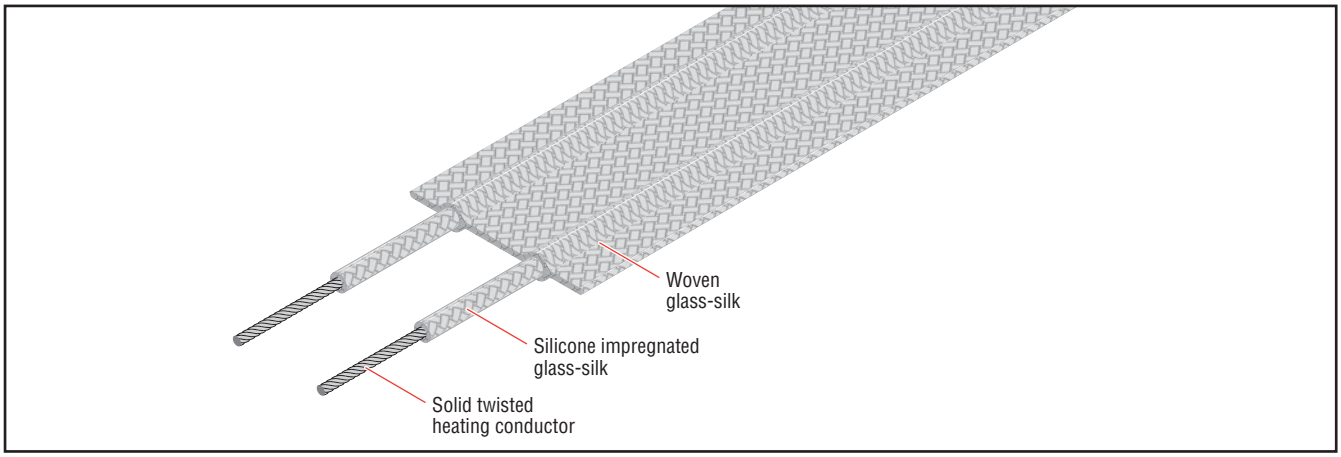
IT-ITH

Glassfibre-insulated heating tape

Isopad IT-ITH is a factory-terminated heating tape with go-and-return series resistance heating elements. They are suitable for high temperature applications in indoor locations or areas where there is no risk of moisture ingress.

It is electrically insulated with a silicone varnished glass braid and the heating element is enclosed in a glass woven carrier and terminated with cold tails and a M20 gland.



Area Specifications	
Area classification	Nonhazardous, ordinary area
Ingress protection	IP20
Electrical protection class	See note
Maximum withstand temperature (power off)	450°C
Storage temperature	–20 to +50°C
Minimum installation temperature	–20°C

Note: These are components for further installation. The protective arrangements of Protection Class I or Class II must be followed during installation of the components and are the responsibility of the assembly company. Please refer to the manual for further information.

Standard Manufacturing Sizes	
Width	30 mm ±10%
Thickness	4 mm ±10%

Heater Construction	
Type	Resistance heating cable
Material	Various alloys
Material of insulation	Glass-silk
Material of outer sheath	Woven glass-silk

Lead Connection	
Connection length	0.6 m

Lead Connection

Cross section	2 x 1.0 mm²
Maximum operating temperature	450°C
Insulation material	Glass-silk

Technical Data

Frequency	50-60 Hz
Nominal operating voltage	240 / 110 Vac
Power per meter	75 / 150 W/m
Maximum operating temperature	450°C
Minimum bend radius	15 mm
Minimum spacing	5 mm

Ordering Information

Power per meter		**75 W/m**			**150 W/m**	
Nominal voltage	**Part number**	**Length(1) (m)**	**Nominal Power(2) (W)**	**Part number**	**Length(1) (m)**	**Nominal Power(2) (W)**
240 V	127826-000	1.1	87	698158-000	0.8	120
	355644-000	2.2	164	492204-000	1.5	240
	264108-000	3.1	232	514720-000	2.2	327
	973710-000	3.9	295	325606-000	2.8	411
	278420-000	5.1	376	979028-000	3.6	533
	868414-000	6.7	496	930930-000	4.7	707
	466228-000	8.4	618	298266-000	5.9	880
	170822-000	9.2	681	056372-000	6.5	963
	219944-000	10.1	743	002600-000	7.1	1056
	–	–	–	596744-000	8.3	1226
	–	–	–	880458-000	9.5	1397
	–	–	–	767952-000	10.7	1574
110 V	587656-000	1.1	69	666324-000	0.8	126
	889796-000	2.2	138	426438-000	1.5	202
	975976-000	3.1	225	493776-000	2.2	317
	205392-000	3.9	280	563450-000	2.8	389
	558546-000	5.1	384	200410-000	3.6	544
	045818-000	6.7	438	878192-000	4.7	625
	410820-000	8.4	558	468368-000	5.9	795
	171030-000	9.2	674	961370-000	6.5	954

(1) Tolerances <2000 mm ± (1% + 50 mm)
>2000 mm ± (2% + 100 mm)

(2) Tolerances ±10%



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